

IOT FOR AUTOMOBILE ENGINEERS



1 Display



2 Sensor



3 Receiver (CCU)



4 External Antenna

The automotive sector is one of the earliest adopters of IOT. Assembly lines for both traditional internal combustion and electric vehicles are heavily automated for greater precision and safety. Sensor systems and automation has made the vehicle more comfortable for the user, while vehicle control units provide on board diagnostics for maintenance. Additionally after sales products, like the IoT enabled Tire Pressure Monitoring System from Zonar Systems, can provide drivers and fleet operators with alerts for low pressure.

The third front of IoT adoption is happening with vehicle to infrastructure communication. India has already seen the adoption of the FastTag automated toll payment system rolled out on national highways. Similarly, remote charging stations for electric vehicles are getting smarter in order to adapt to various charging protocols and interface with backend billing systems.



Capsule Labs is founded by IoT industry veterans and offers foundational IoT projects to develop a better understanding of IoT solution. With our GPS kit you can create projects for location based services.